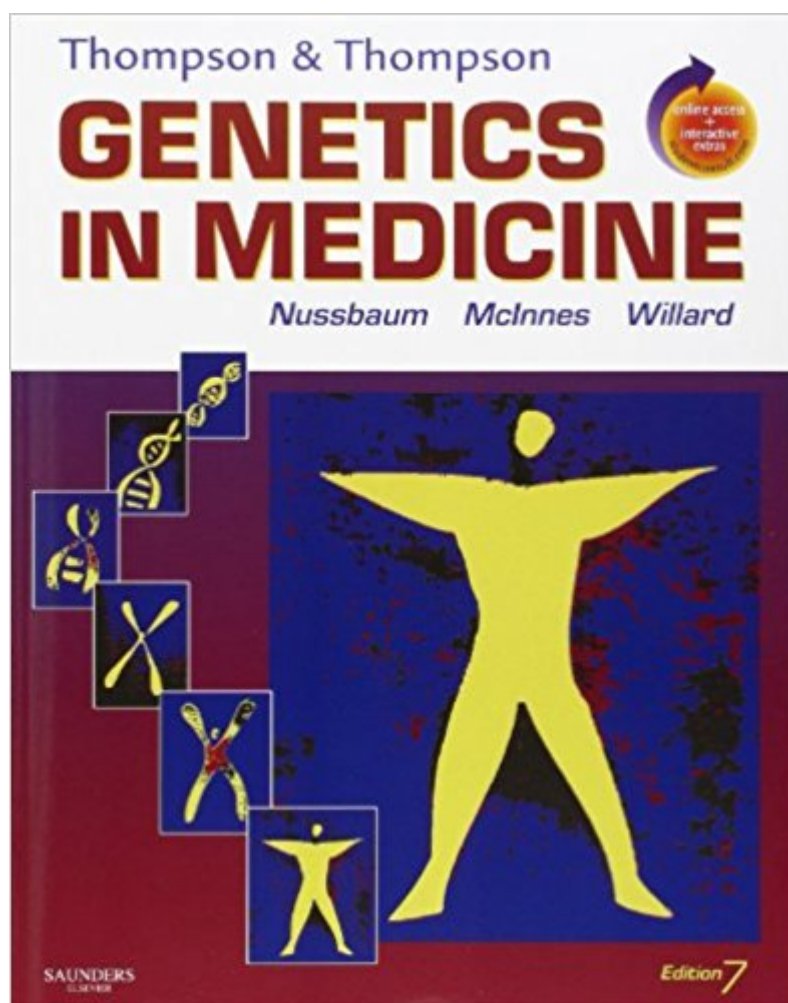




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# Thompson & Thompson Genetics In Medicine: With STUDENT CONSULT Online Access, 7e (Thompson And Thompson Genetics In Medicine)



## Synopsis

Through six editions, Thompson & Thompson's Genetics in Medicine has been a well-established favorite textbook on this fascinating and rapidly evolving field, integrating the classic principles of human genetics with modern molecular genetics to help you understand a wide range of genetic disorders. The 7th edition incorporates the latest advances in molecular diagnostics, the Human Genome Project, and much more. More than 240 dynamic illustrations and high-quality photos help you grasp complex concepts more easily. In addition to the book, you will also receive STUDENT CONSULT, enabling you to access the complete contents of the book online, anywhere you go! Acquire the state-of-the-art knowledge you need on the latest advances in molecular diagnostics, the Human Genome Project, pharmacogenetics, and bio-informatics. Better understand the relationship between basic genetics and clinical medicine with a variety of clinical case studies. Recognize a wide range of genetic disorders with visual guidance from more than 240 dynamic illustrations and high-quality photos. Access the complete contents of the book online, fully searchable with STUDENT CONSULT. You'll find "Integration Links" to bonus content in other STUDENT CONSULT titles • content clipping for handheld devices • an interactive community center with a wealth of additional resources • quarterly updates on the material • USMLE questions • and much more!

## Book Information

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## Customer Reviews

"The word 'Genetics' makes most students' minds fill with dreaded thoughts of Mendel's peas and Darwin's beard but the reality is that it is now, more than ever, one of the most important subjects in medicine along with the likes of anatomy and physiology. This book helps cement this key subject in the minds of all students. It is written in a clear and approachable manner, terminology is explained and diagrams are used to emphasise and clarify. The authors have structured this well, beginning with the very basic concepts of genetics and inheritance then building on to the more clinical topics such as diseases resulting from mutations. Each chapter ends with a list of questions which test what the student has learnt whilst reading a particular chapter. These questions are also a very good revision tool. If you want to learn genetics buy this book." -- Medical Student, Cardiff University, UK "The bolded words in the text are of excellent help to a student. These make sure that you know their meaning before moving on...very informative and reader-friendly for medical students!" -- Medical Student, University of Bergen, Norway

Huntington Willard is on the faculty of the Department of Human Genetics at the University of Chicago. Prior to this appointment, Willard was the President and Director of the Marine Biological Laboratory and Professor of Human Genetics at the University of Chicago. He was previously on the faculty at Duke University, where he was founding director of the university-wide Duke Institute for Genome Sciences & Policy from 2003 to 2014, the Nanaline H. Duke Professor of Genome Sciences, and the Arts & Sciences Professor of Biology & Genome Sciences.

This is one of those comprehensive texts that can be difficult to wade through at times, but at least the writing is decent even if there is a glut of information. The focus is on the genetic mechanisms of disease and technologies used to detect and augment genetic information. For me, the book serves as a good review and extension of first-year biology, as well as an introduction to where DNA technology came, where it is, and where it might be going.

Contents:

- Introduction
- The Human Genome and the Chromosomal Basis of Heredity
- The Human Genome: Gene Structure and Function
- Tools of Human Molecular Genetics
- Principles of Clinical Cytogenetics
- Clinical Cytogenetics: Disorders of the Autosomes and the Sex Chromosomes
- Patterns of Single-Gene Inheritance
- Genetics of Common Disorders with Complex Inheritance
- Genetic Variation in Individuals and Populations: Mutation and Polymorphism
- Human Gene Mapping and Disease Gene Identification
- Clinical Case Studies Illustrating Genetic Principles
- Principles of Molecular Disease: Lessons from the Hemoglobinopathies
- The Molecular, Biochemical, and Cellular Basis of Genetic

DiseaseThe Treatment of Genetic DiseaseDevelopmental Genetics and Birth DefectsPrenatal  
DiagnosisCancer Genetics and GenomicsPersonalized Genetic MedicinePharmacogenetics and  
PharmacogenomicsEthical Issues in Medical Genetics

I know this is bad, but I usually don't buy med school text books unless they're cheap and look interesting (aside from Gray's Anatomy). Hah, hah we go through these things so quickly and everything is so lecture based anyway. This text book is like 2 weeks of med school and a semester of college. I don't think I took anyone seriously enough when they told me how hard med school was. Skimming through it, it is clinically oriented (more than I will hopefully need), but I think it will be very helpful. Genetics is complicated, and the clinical correlates always help me remember the seemingly pointless details we get tested on. Also, I got my book used, but it still had the online code unscratched, which means it came with the electronic version, too. :) That made my Saturday.

Over all has some important information, I liked the content

This is a comprehensive text for medical genetics, recommended to me numerous times as required reading for the genetics general board exam.

I love this book. I needed it for a class but am keeping it just because it explains things so well and it's quite fun to read just on its own, especially just about different diseases. Would highly recommend it!

I love this text book. It's actually fun to read and it has a lot of very academically important information conveyed in very well layed out ways. The charts/diagrams are very helpful. This book made genetics a breeze for me.

A dry topic to be sure. But was able to make it through the course.

Quickly becoming one of my first year books.

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